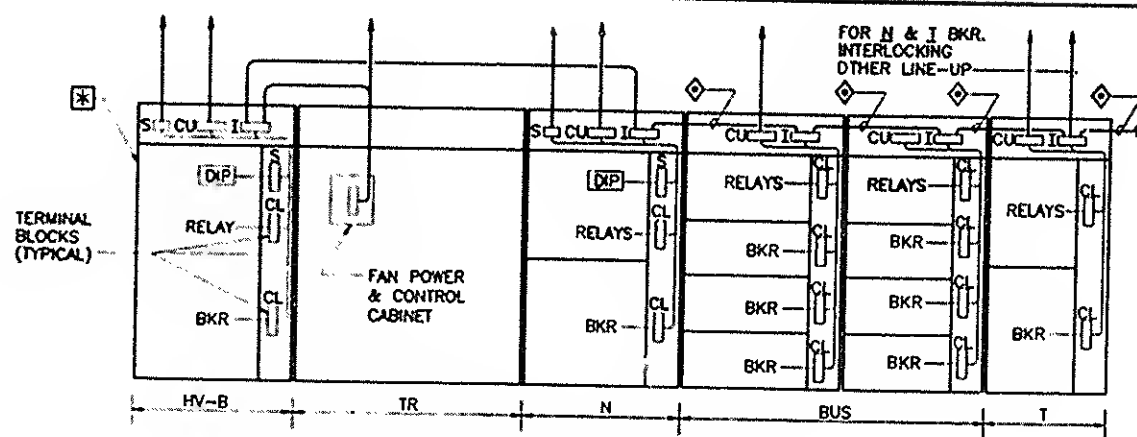
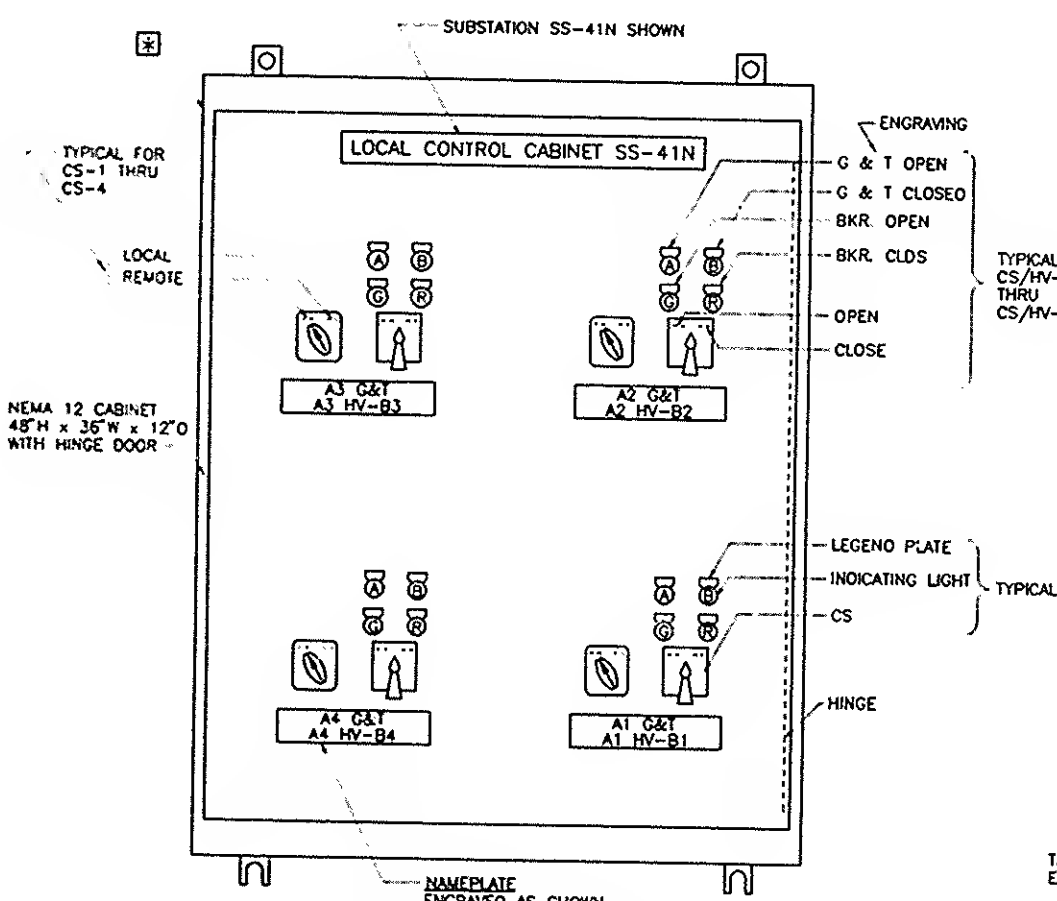


PA-SHT REV 3



**SWITCHGEAR WIRING DETAIL**  
1/2 LINE-UP SHOWN (TYPICAL)

- INCOMING CONTROL WIRING
- INTERNAL WIRING BY OTHERS
- CU - INCOMING CONTROL TERMINAL BLOCKS
- I - INTERCONNECTION TERMINAL BLOCKS
- S - SCADA TERMINAL BLOCKS
- CL - CUBICLE TERMINAL BLOCKS
- ◇ - HARNESS WIRING BETWEEN VERTICAL SHIPPING SECTIONS CONNECTED AT ONE END BY OTHERS AND TAGGED AT THE OPPOSITE END FOR CONNECTION BY THE CONTRACTOR



**LOCAL CONTROL CABINET**  
**DETAIL "A"**  
FRONT VIEW

**LEGEND**

FOR CONTROL CABINET DETAIL

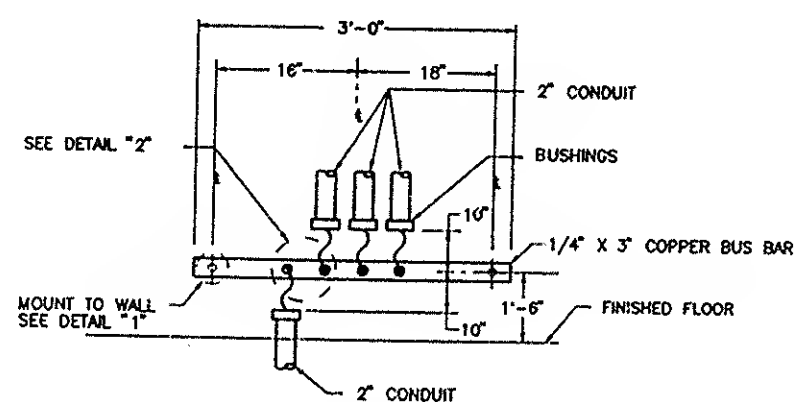
- ② - INDICATING LIGHT
  - B - BLUE
  - A - AMBER
  - R - RED
  - G - GREEN
- CS - CONTROL SWITCH  
CONTROL SWITCH SHALL BE AS FOLLOWS:

- CS-1 THRU CS-4
  - 2 POSITION SWITCH
  - MAINTAIN CONTACTS
  - HANDLE REMAINS IN POSITION
  - STANDARD ESCUTCHEON

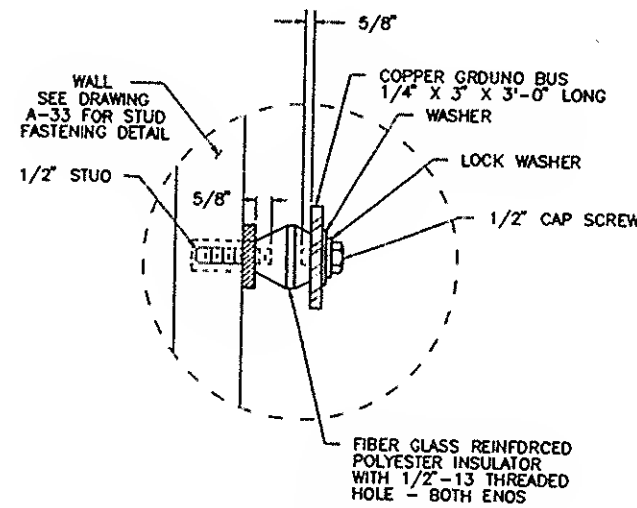
- CS/HV-B1 THRU CS/HV-B4
  - 3 POSITION SWITCH
  - MOMENTARY CONTACTS
  - HANDLE SPRING RETURN TO CENTER
  - TARGET ESCUTCHEON

**NOTE:**

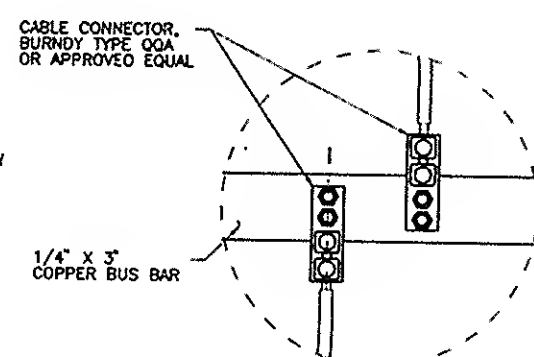
THE LOCAL CONTROL CABINET WILL COME COMPLETELY ASSEMBLED WITH ALL INTERNAL WIRING.



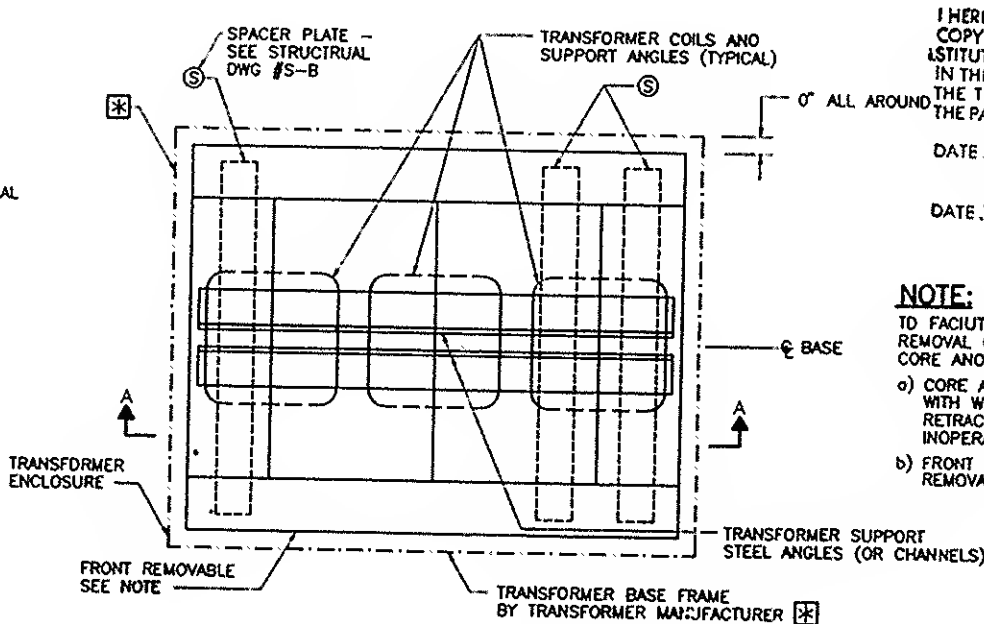
**GROUND BUS BAR ELEVATION**  
TYPICAL GROUND BUS  
N.T.S.



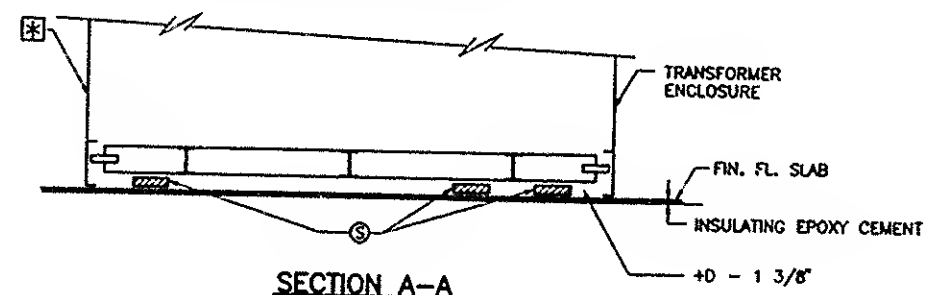
**DETAIL "1"**  
N.T.S.



**DETAIL "2"**  
N.T.S.



**TYPICAL TRANSFORMER BASE DETAIL**  
(TRANSFORMER TR-1, TR-2, TR-3, AND TR-4)



**SECTION A-A**

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE CONTRACT DRAWINGS CONSTITUTING A PART OF CONTRACT NO. WTC-502,071 IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT THE TIME THE SAID CONTRACT WAS EXECUTED BY THE PARTIES.  
DATE 6/21/95 Sultan A. Adham SPEC. WRITER  
DATE 8/15/95 Rita K. Sawyer ENGINEER OF DESIGN

**NOTE:**

- TO FACILITATE THE INSTALLATION OR REMOVAL OF THE TRANSFORMER CORE AND COIL:
- a) CORE AND COIL SHALL BE FITTED WITH WHEELS CAPABLE OF BEING RETRACTED OR RENDERED INOPERATIVE WHEN IN PLACE
- b) FRONT STEEL MEMBERS SHALL BE REMOVABLE

MOTOR FEEDER CONDUIT WITH POWER & GROUND CONDUCTORS. FOR SIZE SEE CABLE & CONDUIT SCHEDULE

GROUND CABLE

3/4" x 1/2" COPPER GROUND CABLE TO BUILDING GROUND BUS.

LIQUID TIGHT FLEXIBLE METAL CONDUIT CONNECTORS, APPLICTION TYPE "SM" OR APPROVED EQUAL

LIQUID TIGHT FLEXIBLE METAL CONDUIT SIZE AS REQUIRED.

W.T.C. ELEVATOR  
SEE DWG. #A-27 FOR

SEC